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INFORMATION DISCLOSURE STATEMENT BY APPLICANT							
(Use several sheets if necessary)				U.S. PATENT DOCUMENTS			
EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
				TECH CENTER 1600/2900			
FOREIGN PATENT DOCUMENTS							
JC95 JAN 9 2002 PTO	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
D1	C1	Agency for Toxic Substances and Disease Registry Division of Toxicology, Public Health Statement, 1990.					
D1	C2	Applegate, B.M.; Kehrmeyer, S.R.; and. Sayler, G.S. "A Chromosomally Based <i>tod-luxcdab</i> e Whole-Cell Reporter for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) Sensing." <i>Appl. Environ. Microbiol.</i> Vol. 64:7:2730-2735, 1998.					
D1	C3	Burlage, Robert.S.; Bemis, Lynn. A.; Layton, Alice C.; Sayler, Gary S.; and Larimer, Frank. "Comparative Genetic Organization of Incompatibility Group P Degradative Plasmids." <i>J. Bacteriol.</i> 172:12:6818-6825, 1990.					
D1	C4	Contag, Christopher H.; Jenkinds, Darlene; Contage, Pamela R.; and Negrin, Robert S. "Use of Reporter Genes For Optical Measurements of Neoplastic Disease <i>In vivo</i> ." <i>Neoplasia</i> 2 (1-2), 41-52, Jan. - Apr. 2000.					
D1	C5	De Lorenzo, Victor; Fernandez, Silvia; Herrero, Marta; Jakubik, Ute; and Timmis, Kenneth N. "Engineering Of Alkyl- and Haloaromatic-Responsive Gene Expression With Mini-Transposons Containing Regulated Promoters of Biodegradative Pathways of <i>Pseudomonas</i> ," <i>Gene</i> , 130:41-46, 1993.					
D1	C6	Folsom, B.R.; P.J. Chapman; and P.H. Pritchard. "Phenol and Trichloroethylene Degradation by <i>Pseudomonas Cepacia</i> G4: Kinetics and Interactions Between Substrates." <i>Appl. Environ. Microbiol.</i> 56:1279-1285, May 1990.					
D1	C7	Gibson, D.T.; Koch, J.R.; and Kallio, R.E.. "Oxidative Degradation of Aromatic Hydrocarbons By Microorganisms. I. Enzymatic Formation of Cathechol From Benzene*" <i>Biochemistry</i> . 7:7:2653-2662, 1968.					
D1	C8	Hay, Anthony G.; Rice, James F.; Applegate, Bruce M.; Bright, Nathan G.; and Sayler, Gary S. "A Bioluminescent Whole-Cell Reporter for the Detection of 2,4-Dichlorophenoxyacetic Acid and 2,4-Dichlorophenol in Soil" <i>Appl. Envir. Microbiol.</i> , 66, 4589-4594, Oct. 2000.					

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<i>DJ</i>	C9	Hermens, Joop; Busser, Frans; Leeuwangh, Peter; and Musch, Aalt (1985) "Quantitative Structure-Activity Relationships and Mixture Toxicity of Organic Chemicals in <i>Photobacterium Phosphoreum</i> : the Microtox Test." <i>Ecotoxicol. Environ. Saf.</i> 9, 17-25, 1985.
<i>DJ</i>	C10	King, J.M.H.; DiGrazia, P.M.; Applegate, B.; Burlage, R.; Sanseverino, J.; Dunbar, P.; Larimer, F.; and Sayler, G.S. "Rapid, Sensitive Bioluminescent Reporter Technology for Naphthalene Exposure and Biodegradation." <i>Science</i> . 249:778-781, 17 Aug. 1990.
<i>DJ</i>	C11	Layton, A.C.; Muccini, M.; Ghosh, M.M.; and Sayler, G.S. "Construction of a Bioluminescent Reporter Strain to Detect Polychlorinated Biphenyls," <i>Appl. Envir. Microbiol.</i> , 64:12:5023-5026, 1998.
<i>DJ</i>		JAN 9 2001 C95 PATENT & TRADEMARK OFFICE
<i>DJ</i>	C12	Legler, Juliette; van den Brink, Christina E.; Brouwer, Abraham; Murk, Albertinka J.; van der Saag, Paul T.; Vethaak, A. Dick; and van der Burg, Bart "Development of a Stably Transfected Estrogen Receptor-Mediated Luciferase Reporter Gene Assay in The Human T47D Breast Cancer Cell Line." <i>Toxicol. Sci.</i> 48(1), 55-66, 1999.
<i>DJ</i>	C13	Lyngberg, OK; Sternke, DJ; Schottel, JL; and Flickinger, MC "A Single Use Luciferase-Based Mercury Biosensor Using <i>Escherichia Coli</i> HB 101 Immobilized on a Latex Copolymer Film" <i>J. Industrial Microbiology and Biotechnol.</i> , 23 :668-676, 1999.
<i>DJ</i>	C14	Lyngberg, O.K.; Thiagarajan, V.; Stemke, D.J.; Schottel, J.L.; Scriven, L.E.; and Flickinger, M.C.; "A Patch Coating Method for Preparing Biocatalytic Films of <i>Escherichia Coli</i> ," <i>Biotechnol. Bioeng.</i> 62:44-55, 1999.
<i>DJ</i>	C15	Meighen, E.A. "Genetics of Bacterial Bioluminescence." <i>Ann. Rev. Genet.</i> 28, 117-139, 1994.
<i>DJ</i>	C16	Misteli, Tom; and Spector, David L. "Applications of the green fluorescent protein in cell biology and biotechnology." <i>Nat. Biotechnol.</i> 15, 961-964, Oct. 1997.
<i>DJ</i>	C17	Petänen, T.; Virta, M.; Karp, M.; and Romantschuk, M. "Construction and Use of Broad Host Range Mercury and Arsenite Sensor Plasmids in the Soil Bacterium <i>Pseudomonas Fluorescens</i> OS8." <i>Microbial Ecol.</i> (41):360-368, 2001.
<i>DJ</i>	C18	Sanseverino, John; Applegate, Bruce M.; King, J.M. Henry; and Sayler, Gary S., "The Naphthalene Degradative Pathway Of NAH7 and NAH7-Like Plasmids Mineralizes Phenanthrene and Anthracene," <i>Applied and Environmental Microbiology</i> , Vol. 59, No. 6, pp. 1931-1937., June, 1993.
<i>DJ</i>	C19	Sattler, Isabel; Roessner, Charles A.; Stolowich, Neal J.; Hardin, Susan H.; Harris-Haller, Larry W.; Yokubaitis, Nathaniel T.; Murooka, Yoshikatsu; Hishimoto, Yoshiteru, and Scott, A. Ian "Cloning, Sequencing, and Expression of the Uroporphyrinogen-III Methyltransferase <i>Coba</i> Gene of <i>Propionibacterium Freudenreichii</i> (<i>Shermanii</i>)." <i>J.Bacteriol.</i> 177, No. 6, 1564-1569, Mar. 1995.

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<i>DS</i>	C20	Selifonova, Olga; Burlage, Robert; and Barkay, Tamar "Bioluminescent Sensors for Detection of Bioavailable Hg(II) in the Environment," <i>Appl. Environ. Microbiol.</i> , 59:6:3083-3090., Sept. 1993.
<i>DS</i>	C21	Summers, Anne O. "Organization, Expression, and Evolution of Genes for Mercury Resistance." <i>Ann. Rev. Microbiol.</i> 40:607-634, 1986.
<i>DS</i>	C22	Virta, Marko; Lampinen, Jorma; and Karp, Matti. "A Luminescence-Based Mercury Biosensor." <i>Anal. Chem.</i> 67:667-669, 1995.
EXAMINER <i>David Lamberton</i>	DATE CONSIDERED <i>10/8/03</i>	

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

